

an input line of said input lines to an output line of said output lines; and

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Concl.  
a control unit for switching a mode to apply to the packet among a first mode, a second mode, and a third mode based on the header information,

said first mode being a mode that decides priority of the packet by at least one of the address information and the port information,

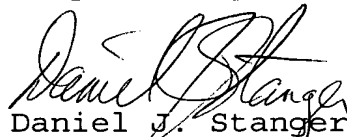
said second mode being a mode that decides priority of the packet by the DS value, and

said third mode being a mode that decides to rewrite the DS value, by at least one of the address information and the port information.

REMARKS

Claims 5-8 are now pending.

Respectfully submitted,



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